

ABSTRACT**SYSTEM FOR YIELD IMPROVEMENT OF MANUFACTURED PRODUCTS**

A system for improving manufacturing yields, which includes at least one manufacturing facility into which unprocessed parts enter. An identification plan is provided for the unprocessed parts, by which each unprocessed part is given unique and traceable unprocessed part identification data. Processing equipment is included by which the unprocessed parts are turned into processed parts. There are identification plans for the processing equipment and for the processed parts by which each piece of equipment and each processed part is given unique and traceable processing equipment identification data. At least one computer terminal is connected to a database into which the unprocessed parts identification data, the processed parts identification data and the processing equipment identification data is stored, and related. This data is retrievable to allow processed parts with defects to be traced to the processing equipment by which it was processed for repair or modification of the processing equipment.

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